

ABSTRACT

A process for preparing A1AT from A1AT-containing solutions, comprising the following steps:

- (a) subjecting an A1AT-containing solution to ion-exchange chromatography;
- (b) adding detergents and optionally a solvent for inactivating lipid-enveloped viruses;
- (c) followed by increasing the salt concentration to salt out the detergents.

A1AT having a purity of > 90% with an activity of ≥ 0.8 PEU/mg in its active form.